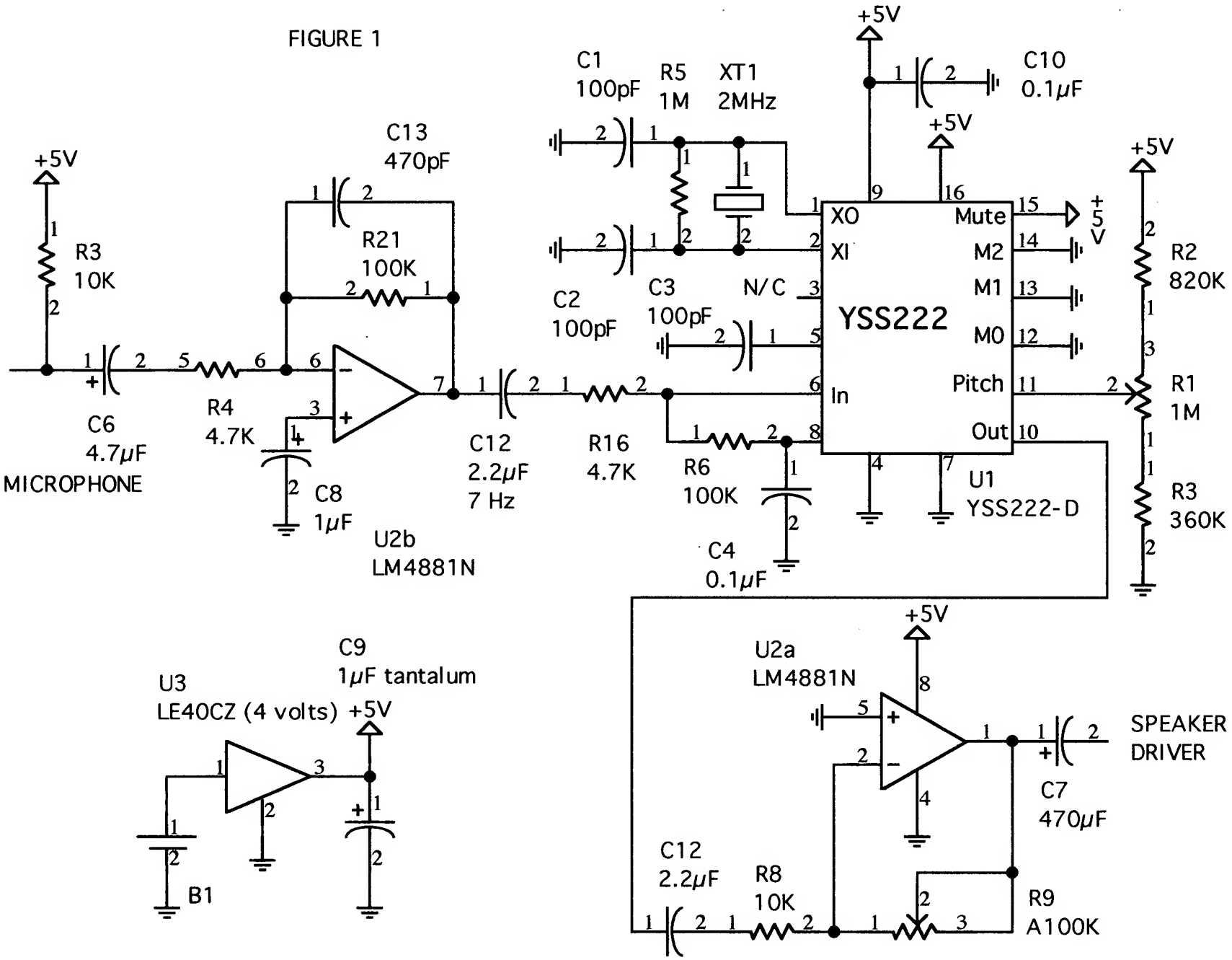
FIGURE 1


+5V
C1
100pF
R5
1M
XT1
2MHz
C10
0.1µF
+5V
+5V
C13
470pF
R21
100K
R3
10K
C2
100pF
C3
100pF
N/C
YSS222
XO
XI
Mute
M2
M1
M0
Pitch
In
Out
+5V
R2
820K
R1
1M
R3
360K
C6
4.7µF
MICROPHONE
R4
4.7K
C8
1µF
U2b
LM4881N
C12
2.2µF
7 Hz
R16
4.7K
R6
100K
C4
0.1µF
U1
YSS222-D
U3
LE40CZ (4 volts)
C9
1µF tantalum
+5V
B1
U2a
LM4881N
+5V
SPEAKER
DRIVER
C7
470µF
C12
2.2µF
R8
10K
R9
A100K